

Title (en)

POROUS SOLID PREPARATION CONTAINING PHYSIOLOGICALLY ACTIVE PROTEIN SUBSTANCE

Title (de)

PORÖSE FESTE ZUBEREITUNG, DIE EINE PHYSIOLOGISCHE AKTIVE PROTEINVERBINDUNG ENTHÄLT

Title (fr)

PREPARATION SOLIDE POREUSE CONTENANT UNE SUBSTANCE PROTEIQUE PHYSIOLOGIQUEMENT ACTIVE

Publication

**EP 0578823 B1 20020123 (EN)**

Application

**EP 92907987 A 19920406**

Priority

- JP 7499091 A 19910408
- JP 7499191 A 19910408
- JP 9200420 W 19920406

Abstract (en)

[origin: EP0578823A1] A porous solid preparation for buccal or peroral administration, comprising a physiologically active protein substance as an active ingredient, collagen and water-soluble additives and having an excellent disintegrability.

IPC 1-7

**A61K 47/42**; **A61K 9/20**

IPC 8 full level

**A61K 9/00** (2006.01); **A61K 9/20** (2006.01)

CPC (source: EP US)

**A61K 9/006** (2013.01 - EP US); **A61K 9/2063** (2013.01 - EP US); **A61K 9/2095** (2013.01 - EP US)

Cited by

US6126933A; US5827541A; US5738875A; AU705094B2; CN101279095A; FR2769505A1; US5837287A; US5763476A; CN1079670C; US7098315B2; US6660258B1; WO9613251A1; WO02070594A3; WO9723239A1; WO9918992A1; WO9613252A1; WO9523600A1; WO9528951A1; US7052713B2; US7399483B2; US6361769B1; US6540993B1; US6270757B1; US7735485B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0578823 A1 19940119**; **EP 0578823 A4 19941214**; **EP 0578823 B1 20020123**; AT E212235 T1 20020215; BR 9205864 A 19940628; CA 2107473 A1 19921009; DE 69232374 D1 20020314; DE 69232374 T2 20020829; KR 100225153 B1 19991015; US 5496559 A 19960305; WO 9217209 A1 19921015

DOCDB simple family (application)

**EP 92907987 A 19920406**; AT 92907987 T 19920406; BR 9205864 A 19920406; CA 2107473 A 19920406; DE 69232374 T 19920406; JP 9200420 W 19920406; KR 930703036 A 19931007; US 12243093 A 19930930